In the Specification:

Replace paragraph [0059] with the following:

[0059]   Further computer system 400 has segmentation program 408 <u>stored on computer readable media</u>. Segmentation program 408 serves to identify a region of interest within volumetric data set 406, such as an organ or another anatomic region. Segmentation program 408 provides binary mask 410 having the same dimension as volumetric data set 406. A value of 0 in the mask 410 indicates that the corresponding voxel in volumetric data set 406 does not belong to the region of interest whereas a value of 1 indicates that the corresponding voxel belongs to the region of interest. As a consequence mask 410 also describes the envelope of the segmented region of interest. The envelope is used as a reference surface for identification of equidistant voxels in the volumetric data set 406.